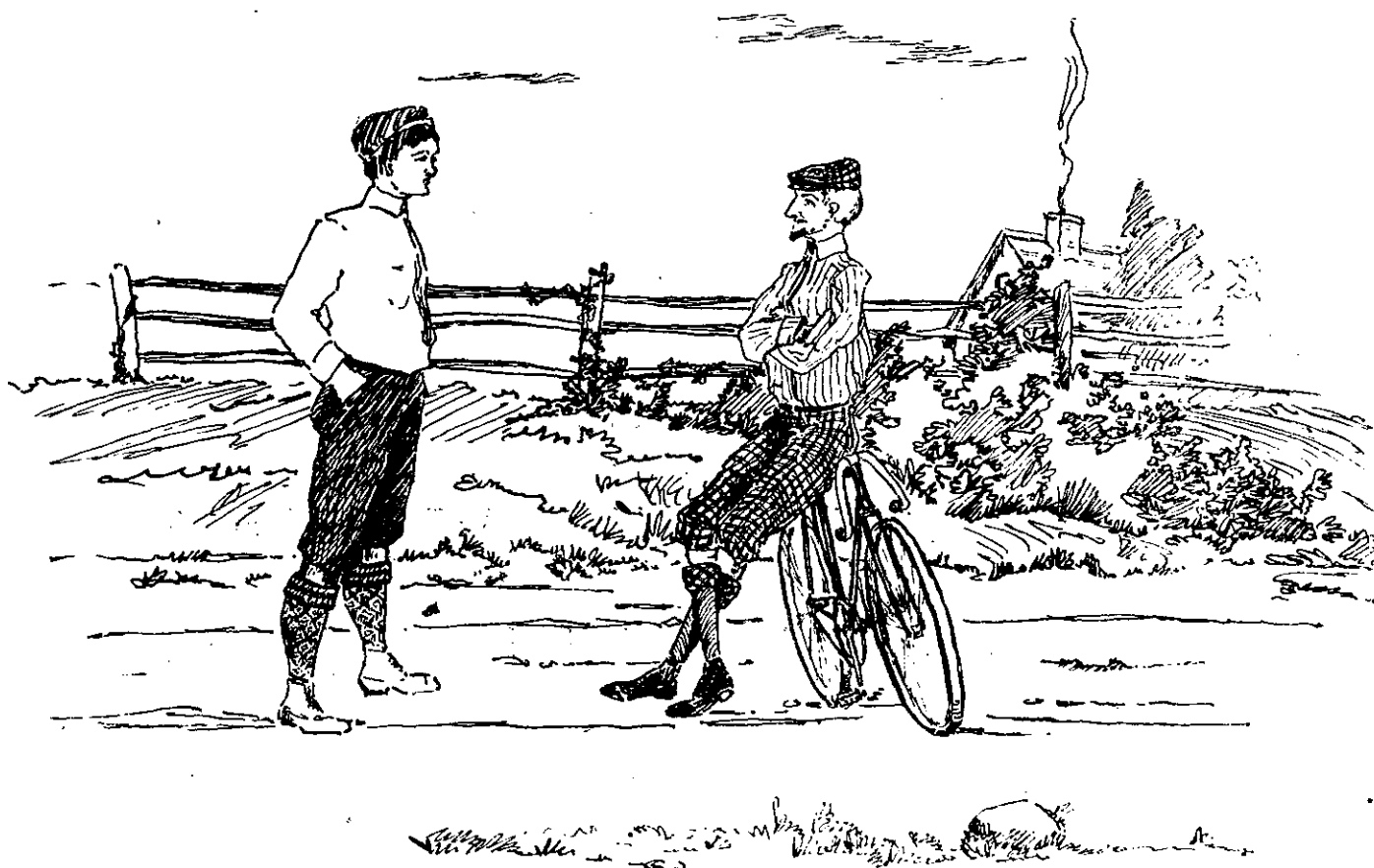


# THE TECH



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VOLUME XVII.

NUMBER 6.

NOVEMBER 11, 1897.



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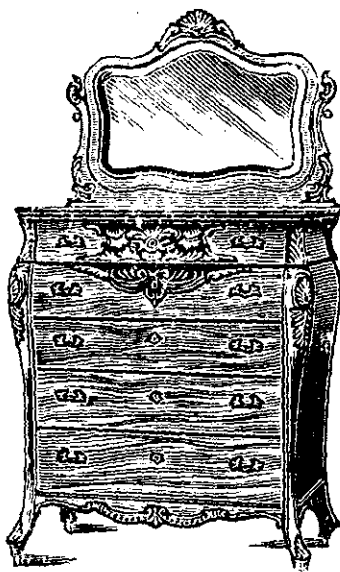
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# THE TECH

VOL. XVII.

BOSTON, NOVEMBER 11, 1897.

No. 6.

## THE TECH

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

JOHN MAGEE, '99, *Editor in Chief.*

MORGAN BARNEY, 1900, *Assistant Editor in Chief.*

THOMAS EDDY TALLMADGE, '98, *Secretary.*

CHARLES-EDWARD AMORY WINSLOW, '98.

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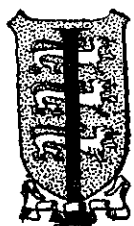
Subscription, \$2.50 per year, in advance. Single copies, 10 cts. each.

*For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.*

*Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.*

Frank Wood, Printer, 352 Washington Street, Boston.

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It seems rather unnecessary that THE TECH should be obliged to call the attention of the students to the fact that many are habitually eating their lunches in the general library of Rogers building. This room is planned for a reference, reading, and study room, and not for a place in which to eat. There is a lunch room in the basement wholly devoted to that agreeable pastime. It seems hardly fitting that this room, supposedly devoted to study, should be useless for that purpose on account of the refuse and odor of sundry lunches, which has been deposited there by careless Freshmen. We feel sure that a little thought on the subject will convince everyone that it demands attention, and we hope that the attention it deserves will be given it by those who are abusing their privileges.



WING to the recent bequest of the late Hon. Henry L. Pierce, it seems more than probable that Tech. is to be blessed with the new building at an early date. Although there has been nothing definite done as yet in regard to the matter, it is having the careful investigation of the corporation, and a committee, consisting of President Crafts, Dr. Wigglesworth, and Mr. Williams, has been appointed to consider the matter. This committee has requested the various courses which now need larger quarters, to make a statement of the room-space desired by each. Instead of devoting the building mainly to chemistry, as was proposed at first, it is now planned to make it an overflow building in which extra space will be given to each of several courses. The exact site is indefinite, for the tracks which now lead to the Providence Station are to be removed upon the completion of the new southern station, and the use which is made of the land then left vacant will have a great influence on this selection.

A boulevard has been proposed to occupy this land, and if this becomes a reality Trinity Terrace would be extended to Columbus Avenue, leaving the Tech. property on a corner and greatly increasing its value. Additional land may be bought by Tech. if any is available for purposes other than street room. Nothing has been accomplished yet in regard to plan or even size of the building, and nothing can be definitely stated in regard to the finished appearance of the building. It will probably be of brick, however, and of the same height as Architectural and Engineering.

We hope that care will be taken in designing the ventilating system of this building, and that pains will be taken to get it too large rather than too small, as is now the case in Walker. One room which is now badly needed is a small museum for the assembly of the art casts and sketches distributed over the walls of the Architectural building. The long-wished-for trophy room may also find place here.

**A**FTER the adjournment of the mass meeting held last week in Huntington Hall the lower classmen assembled in the corridor of Rogers to give, not a college cheer, but a class yell. When one thinks how some of these same men talk about the lack of college spirit at Tech., the affair becomes almost ludicrous. Far be it from our policy to discourage class patriotism, but this bringing of class patriotism into matters which concern the Institute at large is a great mistake. Tech. has not the social undergraduate life which leads to a love for Alma Mater at other colleges, and the little college enthusiasm that does exist should be applied to Tech. first; then, if there be any left, let each class have its share. The dispute over the profits of the cane rush is another example of this same point. This institution is of interest to the college at large, and owes its financial support to the college. The proceeds have in the past been devoted to the Varsity Football team, thus benefitting the Institute. Now comes a class in a selfish spirit, and because of debt incurred solely by itself, tries to take this money. Is she going to do so, especially after having failed to give suitable warning to the Football Association, who count on the money? Is she going to do this? Is the student body going to patronize the rush, if she does? and is 1901 going to be foolish enough to co-operate and aid her in this scheme? These are questions to be answered in the future, and we hope the answers will be favorable to the Institute. There is a grand

old saying, famous in history and applicable to many things, especially to this question, and it is, "United we stand, divided we fall." Unity is more necessary than anything else to the athletic success of the Institute, and without it, Football team, Track team, Advisory Council, and all the Athletic Associations at Tech. might just as well disband.



**A**LECTURER in ornament, who is supposed to address the Senior architects once every week, appeared for the first time last week. This is only one instance which has given rise to the murmurs among the Seniors and Juniors in Course IV. who think that they're not getting all they

should. When a man has paid his tuition fee he regards regular and conscientious instruction in all branches of his course as a simple matter of justice due him, and any failure to give him such as a breach of contract on the part of the Institute.



**T**HE coming year bids fair to be a busy one for track athletes. A member of the executive committee of the Athletic Association states that individual men and relay teams will be entered on every possible occasion throughout the winter. This will keep in semi-training a number of men

who will form the foundation for the Worcester team in the spring. Special emphasis is to be laid on relay team work, as a meeting of the relay teams of New England colleges is to be held February 5th, at which Technology must have able representatives.

**M. I. T., 16; Worcester Polytechnic, 4.**

THE 'varsity won its second game last week by defeating Worcester Polytechnic 16 to 4. During the first half the teams were very evenly matched, and the score stood 4 to 4. In the second half, however, Tech. outplayed her opponents.

In the first half, end plays and gains by Ulmer through the guards scored the first touchdown, Emery carrying the ball over. Tech. then fumbled, and Worcester scored through a series of plays against left tackle and end.

In the second half Worcester was unable to hold Tech. on downs. Gains were made at tackle and end, Morse and Jouett making some long runs. Morse made the second touchdown, and Jouett the third five seconds before time was called.

In the second half Walsh had his shoulder broken and Rebbolli was hurt.

The following is the line-up: M. I. T.: Heckle, l. e., Curtis, l. t., Brown, l. g., Perkins, c., Ulmer, r. g., Nesmith, r. t., Richardson, r. e., Clifford, q. b., Emery, h. b., Jenkins, h. b., Nolte, f. b. Worcester: Birge, r. e., Clark, r. t., Buckman, r. g., Perkins, c., Simpson, l. g., Curtis, l. t., Wood, l. e., Willis, q. b., Booth, h. b., Walsh, Rebbolli, Allen, h. b., Harington, f. b. Touchdowns—Emery, Jouett, Ulmer, Walsh. Goal from touchdown—Nolte. Goals missed, Walsh, Nolte 2. Umpire—E. A. Locke. Referee—J. J. McGratty. Linesmen—G. T. Copp, E. H. Davis. Time—25 minutes and 20 minute halves.

Jouett, Morse, and Emery were tried at half back in the second half. Nolte did some sure tackling at full back.

**Technology, 8; Holy Cross, 6.**

THE 'varsity defeated Holy Cross, 8 to 6, in Boston, November 3d. The play of both teams was characterized by a good deal of fumbling, while numerous "scraps" enlivened matters for the spectators.

The visitors confined themselves to line bucking; Tech. on the other hand made most of her gains on end plays and plays directed between tackle and end.

Nolte caught the ball at the kick-off, and ran to the center of the field behind splendid interference. A series of 10-yard gains followed, Jenkins making the first touchdown for Tech. Soon after Jenkins broke through left guard and ran half the length of the field to Holy Cross's 5-yard line. Here Tech. fumbled, and Holy Cross punted to her 25-yard line. Two rushes by Jouett scored a second touchdown. Tech. fumbled the next kick-off, and a Holy Cross man fell on the ball at Tech.'s 25-yard line. Plays against the guards gave the visitors a touchdown and goal.

In the second half neither side scored.

The line up was as follows: Technology: Heckle, l. e.; Curtis, l. t.; Brown, l. g.; Perkins, c.; Ulmer, r. g.; Nesmith, r. t.; Richardson, r. e.; Clifford, q. b.; Nichols, q. b.; Jouett, h. b.; Jenkins, h. b.; Morse, h. b.; Nolte, f. b. Holy Cross: Shanahan, r. e.; McDonough, r. t.; Toohig, r. g.; Finn, c.; Hennessy, l. g.; Garvey, l. g.; Sullivan, l. t.; Linnehan, l. e.; Barry, q. b.; Linnane, h. b.; Callanan, h. b.; Powers, f. b.

Touchdowns—Jenkins, Jouett, McDonough. Goal from touchdown—Linnehan. Umpire—Locke, of Brown. Referee—Thompson, of H. C. Time 20-m. halves.

**Civil Engineering Society Meeting.**

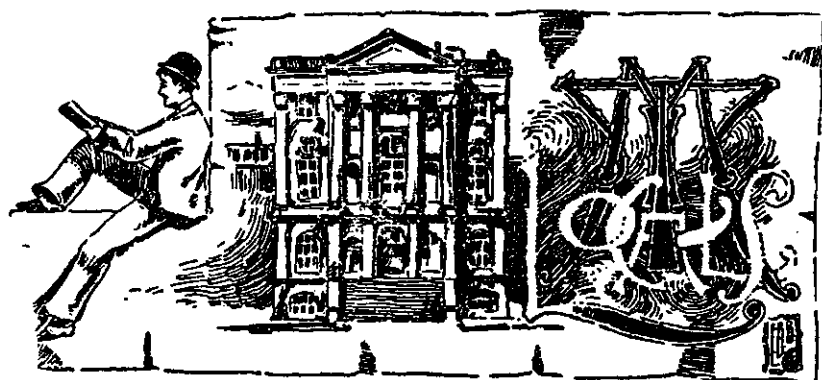
Monday evening Mr. Wiggin, '95, delivered a lecture before the Civil Engineering Society in 22 Walker Building, on "The Manufacture of Cast-iron Pipe." He showed a good lot of views, and explained in detail the making of molds and cores, and showed the different methods of pouring the iron. He also explained the present method of testing, coating, and inspecting. The attendance was good, a number of Course II. men being present.



### Electrical Engineering Society.

THE November meeting of the Electrical Engineering Society was held Tuesday evening, November 2d. The lecturer of the evening was Mr. R. W. Conant, '91, of the West End Street Railway Company, who explained, in a very clear and interesting manner, the most important features of the installation and operation of electric railways.

A letter was read from the Secretary of the Mechanical Engineering Society, inviting the members to attend a lecture on "Aeronautics," given before that society by Mr. Samuel Cabot, on Wednesday, November 10th. It is planned to continue the visits to power houses, and similar points of interest, which proved so valuable a part of the work of the society last year, and the outlook for the coming season is quite promising.



The Class of '82 has presented a fine old-fashioned clock to the Technology Club.

President Crafts and Professor Niles attended the exercises at the dedication of the new science building at Worcester Academy on October 30th.

Members of  $\Phi. B. K.$  at the Institute will please hand their names and chapters to the "Technique" statisticians, W. M. Corse and T. P. Robinson, Cage.

The members of Course IV. have been invited to a course of lectures, under the auspices of the Twentieth Century Club, on the modern house, its design, and decorations.

Though golf has ousted tennis to such an extent lately, there is a good list of men play-

ing in the tennis tournament this fall. Among the Freshmen are some very good players.

At a recent meeting of the Andover Club the following officers were elected for the coming year: A. L. Hamilton, President; H. K. Babcock, Vice President; M. S. Sherrill, Secretary and Treasurer.

At a meeting of the Executive Committee of the Senior Class last Friday an assessment of seventy-five cents was voted. This will be sufficient to pay off the debts of the class and to meet expenses for the year.

Mr. Cabot, who was to have addressed the meeting of the Mechanical Engineering Society on Wednesday morning, November 10th, was unable to fulfill his engagement. The meeting was accordingly postponed.

The work of driving piles and of constructing the foundation of the proposed ten-story apartment house on Trinity Terrace is progressing rapidly, and from the present outlook the building will probably be erected.

A meeting of the Freshman class was called to order at Huntington Hall on Friday noon by Chairman Bronson. The class then took up the Constitution as reported by the committee, and accepted it in a much amended form.

The editors of '99 "Technique" request that all members of fraternities not represented at the Institute, hand the names of their fraternity and chapter, over their signatures, to E. H. Hammond, Society Editor, Box 105, Cage.

For the present at least no change will be made in the professor and instructorships in the Chemical department, owing to the election of President Crafts. The latter will continue his lectures in organic chemistry as heretofore.

The Walker Club Play Committee is desirous of producing an original play by some Tech. student, if one of sufficient merit can be found. Mr. Curtis, '98, Chairman of the Committee, will be very glad to give particulars.



Grosvenor came back Saturday to say good-bye, his sickness having left him too weak to continue his work at the Institute. He has resigned from the presidency of the Athletic Association, and his help there and with the Track team will be sorely missed.

A corps of field music for the battalion is being formed. Candidates must have qualified in manual of arms, and must have had some musical experience. The instruments wanted are fifes, bugles, and drums, the last named being furnished by the battalion authorities.

The third meeting of L'Avenir was held in Room 11, on last Thursday afternoon. Several new members were elected to the society. Mr. C. H. L. N. Bernard delivered an extremely interesting address upon the duties of the students to the Institute. A meeting of the Executive Committee will be held next Thursday.

A challenge to joint track games with Amherst College has been accepted by the Executive Committee of the M. I. T. A. A. These will take place sometime in the third week of May, at a place to be decided later, most favorable to large attendance. Receipts will be equally divided. Other particulars will be announced later.

The annual meeting of the Tech. Society of Philadelphia will be held November 13, 1897, at the Colonnade Hotel at 6.30 P. M., followed by the annual dinner at 7.30 P. M. It is hoped that not only those who have already taken active interest in the Society representing their Alma Mater in Philadelphia, but many more who have attended the Institute for one year, will join and attend the meetings.

A meeting of the Co-operative Society was held last Thursday afternoon. As a result of the sale of tickets and the profits of the supply rooms, the Society was enabled to appropriate the unprecedented sum of \$650 for scholar-

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ships alone. This will probably be divided into five scholarships of \$100 each, and two of \$75 each. Only the directors and President Crafts from the faculty were present at the meeting.

Thursday, a week ago, Mr. A. L. Webster, Sanitary Engineer of New York City and a classmate of Professor Porter at the Lawrence Scientific School, gave a lecture, or rather an informal talk, to the classes in Sanitary Engineering and Architecture on modern plumbing. His talk was most interesting and practical, and coming, as it did, immediately after the theoretical discussions of the classes, was an eye opener into the busy practical life of the Sanitary Engineer.

The first Bohemian dinner of the Architectural Society held this year, came off at Kramer's Saturday night, with the usual spirit of *bon hommie* which has always distinguished affairs of this sort. About twenty-five members of the Society were present and enjoyed

an excellent menu. Among the Honorary members of the Society who were present and spoke were Mr. Ross Turner, Mr. C. Howard Walker, Professors Chandler, Despradelle, Sumner, and Homer.

A meeting of the Sophomore Class was held in Room 15 on Friday noon, to consider the cane rush matter. Chairman Roberts, of the committee appointed to confer with the officers of the Football Association, in regard to the cane rush receipts, reported that nothing definite had been decided. A motion made to drop the matter in dispute was defeated. A joint meeting of the two classes of 1900 and 1901 will be held on Friday, to consider the division of the receipts from the cane rush. However, it is probable that nothing further will be done by 1900, as the opposition is too great. The class treasurer reported that the class debt amounted to \$315. A subscription, in aid of the class football eleven was taken, and amounted to a considerable sum.

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The cane rush will, in all probability, take place on November 17th.

J. E. Le Bosquet has withdrawn from 'varsity football for the season.

The Freshmen will play a practice game with Arlington Athletic Association this afternoon.

The fourth Hare and Hound run of the season came off Saturday at Chestnut Hill Reservoir. Gray and Emery, 1900, were the hares. The time for the eight-mile course was 55 minutes.

Of the 'varsity team Chubb, who has shown some fine work at right end, was unfortunate enough to break a collar bone in practice, while Stebbins, '99, at left end will be unable to play for a week, on account of a broken rib and dislocated shoulder. Clifford also strained his back.

The Freshman game with the Lowell Country Club, Saturday, proved to be a one-sided affair. Lowell had the ball but twice, while 1901 kept it in their opponents' end of the field throughout the game. Smith, at quarter, played a fine game, and Danforth made a touchdown on a 70-yard run. Score, 10-0.

The Sophomores defeated the Malden School of Manual Training Saturday, by a score of 6-0. The ball was kept in Malden's territory with the exception of a short time in the second half. Time was called with the ball six inches from Malden's goal. Among the new men who showed up well were Flanders at full back, McPherson at half back, and Rapp at guard. More men should come out for practice.



*Correspondence solicited from all who have been connected with the Institute.*

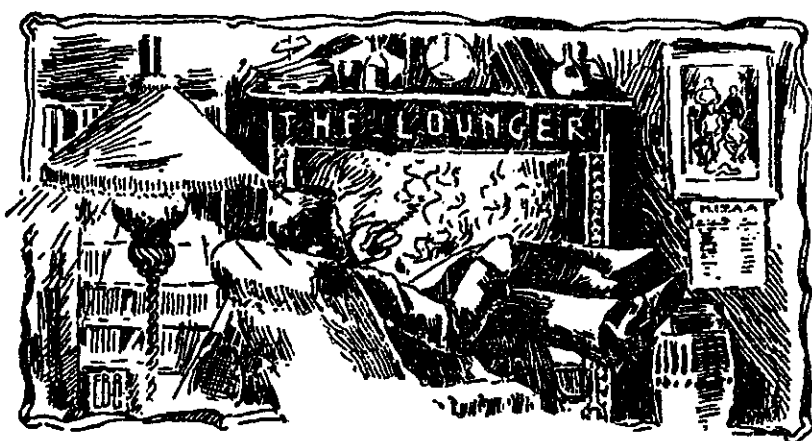
'76. Mr. H. B. Wood, Course I., is at present chief engineer of the Mass. Topographical Survey Commission.

'81. Mr. F. E. Came, Course I., is engaged in the manufacture of R. R. specialties.

'85. Mr. H. P. Barr has opened an office, as a consulting engineer, at 120 Liberty Street, New York City.

'88. Mr. B. G. Buttolph, Course II., is engineer for the State Mutual Fire Insurance Co., Providence, R. I.

'96. Miss Elizabeth F. Fisher, graduate of the Institute, Course XII., who is now Instructor in Geology at Wellesley College, has just returned from an extended geological tour. She has visited the glaciers and fjords of Norway, and was made a member of the International Geological Congress at St. Petersburg. She was one of a party of one hundred and eighty geologists which crossed the Ural Mountains twice, ascended several of the higher mountains, visited various gold and platinum mines in Siberia, and returned to St. Petersburg. She next went with another geological party down the Volga, traversed the famous military road over the Caucasus Mountains, and visited the great petroleum region of Russia on the Caspian Sea. The party then crossed the Black Sea, visiting various points on the Crimea, finally reaching Odessa, where it disbanded. She returned by way of Bremen, arriving home on the nineteenth of this month.



It is customary for those blessed with more than their share of this world's goods to cultivate outwardly a seemly modesty of demeanor; mere vanity is punished by ridicule and deeper arrogance with dangerous envy. There is one form of human felicity, however, which flaunts itself persistently in the light of day, and seems to revel in the sour looks of aliens. The Lounger refers to the unfeeling behavior of that race of human beings marked by a diamond upon the third finger of the left hand. As dear Charles Lamb says (he might have been a Lounger if he had lived a little later and come to Technology), "These monopolists thrust the most obnoxious part of their patent into our faces." Nothing is to me more distasteful than that entire complacency and satisfaction which beam in the countenances of a new-married (or engaged) couple,—in that of the lady particularly; it tells you that her lot is disposed of in this world; that *you* can have no hopes of her.

The Lounger, it may be inferred, has encountered a young lady whom he once—well, whom he knew before she became engaged. She was not content with conversing at length about Edward, and Edward's family, and Edward's horses, and the tickets Edward had sent her for the Yale game, and the tea-urn she and Edward had just picked up at auction. She also patronized the Lounger, and reproved him gently for his useless life, and advised him to marry some nice girl and settle down!

Now, this sort of thing is very trying. The Lounger, however, is nothing if not philosophical. And, although Edward is probably not half as grateful for his great blessings as he ought to be, the Lounger intends to make up the average by appreciating his own lesser ones to the full. And there are redeeming circumstances. If the Lounger were otherwise than the unblest vagabond he is, he would not be lying back amid his cardinal and gray cushions puffing lazy smoke rings from his second-best meer-

schaum; he would not be going over in memory the merry hours of the evening previous, when the "Frolicsome Oysters" met at Dreyfus's; he would not be looking forward to a series of cozy cups of tea, with generous lemon slicings, on the morrow. No, the Lounger loves his liberty; and he loves his friends of both sexes too well to sacrifice them to a mere desire for exclusiveness. Only if all of them were to fall from grace like the maiden whose engagement is the inspiration of this screed, might the Lounger be forced, in self-defense, to follow their example. And that end, he hopes, is still far away.

The Lounger hates to harp constantly upon the same subject; but there are some persons who will persist in thrusting themselves upon public notice. Certain Freshmen (belonging particularly to the Class of '98, by the by), fired by the memories of past election nights, determined, last Tuesday, to be quite the "typical college man, y'know," and to have a real devilish time. So they accoutered themselves in slouch hats and sweaters and paraded about the Institute all day,—a source of terror to all possessed of fragile nerves. The Lounger was rather amused to hear one of them accosted by an awe-struck gamin with the question, "Please, mister, do you play anything?" The evening at last came. And with an ardor undamped by the doleful drizzle, our "toughs" sallied forth to the Palace, *nee* Trocadero, *nee* Nickelodeon, bent on proving themselves dead game sports. In the active demonstration of this fact, however, our young friends met with a sad check. The Irish comedian, being of a hasty Celtic disposition, lost his temper completely; he leaped the footlights and applied the cane he carried, with some smartness, to the shoulders of a distinguished long-distance runner and (the Lounger sees visions of resolutions, protests, and excitement without end—but the truth must be spoken) a son of Nineteen Hundred. After which our gay collegians departed homeward with many good resolutions.

Since the Lounger incautiously offered an explanation of one of the jokes put forth upon an innocent world by this publication, his morning mail has been so swelled by letters containing anxious queries about later cartoons that three assistant secretaries have been employed to care for it. Those in search of knowledge should apply, in person, to the Editor in Chief or the Artistic Editor; preferably the latter, for he is not such a good shot as the Editor in Chief.

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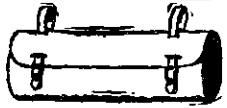
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